



OREGON TUALATIN VALLEY

Feb. 1985

AMATEUR RADIO CLUB

Po Box 5132 Beaverton, Oregon 97006

EDITOR: AL BERG WB7SIC

Membership: 280

CIRCULATION: 325

President:	Geno Buell	KA7KBH	Trustee:	Linda Cereghino	N7CZY
Vice-Pres:	Hanford Van Ness	KE7BB	Trustee:	Terry Biggs	WB7CHK
Secretary:	Jeff Freedman	K7JF	Trustee:	Al Berg	WB7SIC
Treasurer:	Randy Stimson	KZ7T	Trustee:	Greg Milnes	W7AGQ
			Trustee:	Dave Parker	W7LJN

MEETING: 2nd WEDNESDAY BEAVERTON ELKS AT 7:00 p.m. (Dinner at 6:30 p.m.)

MEETING PROGRAM: COMPLETE PROGRAM DETAILS CAN BE FOUND ON THE BACK PAGE.

ARRL NATIONAL CONVENTION

JANTZEN BEACH RED LION/THUNDERBIRD

AUGUST 19-20-21 1988

Late last fall a group representing the Northwest Amateur Radio Council met and began laying plans to submit application to the League for holding of the National Convention in Portland. After several meetings, letters of support and some great work from the Portland Convention Bureau, our application was submitted. At a meeting held in Newington on Jan. 24, we won out over the competition. The summer of '88' should be one to remember! The structuring of the supportive groups has yet to be decided and that will be one of the first jobs to accomplish. After that, committees will be set via the various clubs involved. It is hoped that we can keep the Seaside Convention going through 1987 and let 1988 slide by in favor of the National. Many of those who would normally attend Seaside could be expected to show up in Portland. The following is a listing of the so called Executive Committee, to date. There will likely be additions very soon.

Chairman: Al Berg WB7SIC OTVARC

Vice Chairperson: Cheryl Ollerenshaw KA7HIO -- Secretary: Lea Ball AL7W PARC
John Little KA7MRM CARC---Rozy Clulo KA7CED HARC---Warren Knight N7BIJ OTVARC
Dick Fredrickson WAØDIM PARC---Bob Kuhn KC7YN MARC---Pres. of NARC Bob Sauter KA7AHF
Clyde Sylvester W7KSA WVDXC---(we are looking for two reps from each club involved.)

(Cheryl Ollerenshaw is with HARC)

OREGON STATE HAM CONVENTION



OREGON STATE
HAM CONVENTION

Committees are hard at work to get things all set for the 'Big Show' and as can be seen below, we have a spot or two that needs some help. Not to worry, as any vacancies on committees are fast filling up. A quick check of the calander verifies that we are on schedule as compared to last year. The only area of need now is to make sure that we ALL start to make a lot of noise about the convention. Advertising pays and we all are capable of 'talking it up'. If you are not physically involved in the work you can at least give support through verbal means. THANKS!

COMMITTEES AND CHAIRPERSONS

Co-Chairmen

Doc McLendon W7GWC
Al Berg WB7SIC

Vice Chairman

Warren Winner W7JDT

Secretary

???

Treasurer

Linda Cereghino N7CZY

Flea Market

Geno Buell KA7KBH
Jack Smithson KA7HOJ

Prizes

???

Exhibit Aids

Wes Allen K7WWG
Jim Ziegler KA7TAC

Printing & Adv.

Ron Mayer K7BT
Warren Winner W7JDT

Exhibitors

Randy Stimson KZ7T
Al Berg WB7SIC

Seminars

Bob Orr KB7CC
Warren Winner W7JDT

A couple of other committees will be formed very shortly. One of those will be for 'Alternate Activities' which is primarily for ladies programs and a second one to cover SIGNS! We will, for the time being, rely on a 'call and volunteer' basis to fill the committees. If no results are to be seen within the next two weeks we will be making some calls. Give it some thought... Any help would be appreciated.... The next very short 16 weeks are going to be busy ones. I urge you who have agreed to play a major part in the convention to bring your committee manpower (ladypower) up to what is needed to do the very best job possible and to communicate with other groups that cross/tie with your responsibilities. The flag has dropped. Don't get left in the dust! We have a good reputation and want to keep it!!!!!!

WELCOME

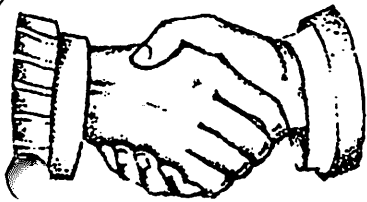
Liz and John Haide, WA7CZA, announce the birth of Laura Christine Haide. Laura was born Jan. 19, a Sat., at 9:37pm and weighed 8#1oz. All stretched out she was 20 and 3/4 inches long. A keeper for sure. Congrats

to the proud parents and hope Laura will have a brother some day soon.

(ed.) Quite surely there have been other important events which have not been in our newsletter. Can't print it if we don't hear it!! Pick up the phone.....

OTVARC Members

*THANKS SO MUCH FOR THE
BEAUTIFUL SPRING FLOWERS.
They did a great job of
cheering up a hospital room.
I'm feeling much better &
hope to see everyone soon
again. 73's Halley KCTB*



NEW MEMBERS

A big OTVARC welcome to Mark Faulhaber, AB7T. Mark is an engineer by trade and resides in Hillsboro. He is interested in building projects (electronic type) and in club technical programs. Also welcome 'Nan' Baker, N7ACH, all the way from Gladstone. Nan does tax forms

for us who, unfortunately, earn money. Thirdly is Pat Griffiths with the GREAT call of KA7UFG. Pat is the wife of Stan, W7NI. Pat indicated no interest in any form of amateur radio on her application. No wonder Stan has given her the phonetics of "Up For Grabs". Way to go Stan.....

AIRBORNE TELEPHONE CALLING EXPANDS

Airfone provides air-to-ground radio telephone service to the nation's airline passengers who get their phone calls charged to their credit cards. Air One, American, Delta, Eastern, Northwest, Pan Am, Republic, United, TWA... have all signed on. Northwest is currently logging about 600 calls a day. It costs about \$20,000 to equip an aircraft with Airfone. The airlines get a 11-14% commission.

The airlines that have the system in place report that customer response has been favorable but that additional ground stations are needed in the northwest to allow full national coverage. The company currently has 37 ground stations. Airfone's on-board computers automatically contact the farthest ground station in front of the airliner when calls are placed. Each station can handle 31 simultaneous single sideband calls.

To place a call you simply insert any of six major credit cards into an Airfone unit mounted on the cabin wall and take the released portable cordless handset back to your

seat and dial the number. You get your credit card back when you return the handset. Phone calls cost \$7.50 for the first three minutes and \$1.25 for each minute thereafter regardless of distance. Calls can last up to 45 minutes at a cost of \$62.50.

Last November, the FCC said Airfone was an unnecessary luxury that would not be popular and denied Airfone a permanent frequency slot in the 900-MHz band. The Commission did, however, authorize them a one year extension of their experimental license.

Airfone president Jack Goeken said the one year reprieve will prove the FCC wrong. If the service is well accepted, Airfone stands a good chance of obtaining spectrum on a permanent basis although they may have to share it with the Mobile Satellite Service. At present they use 4-MHz of paired spectrum at 944-947 and 899-901 MHz. Goeken is no stranger to regulatory battles. He is a founder and past president of MCI Communications Corporation. Goeken Communications has spent some \$50 million in the last seven years to develop the public air-to-ground telephone system. W5YI

Amateur Radio License Exams

Technician, General, Advanced and Extra

Portland Community College

(Sylvania Campus)

Science Technology (Bldg ST), Lecture Room (#A-1)

12000 SW 49th; Portland, Oregon

April 6, 1985

HOW TO REGISTER:

1. Complete FCC Form 610 (be sure to indicate the highest Class of License you will be attempting!)
2. Attach a copy of your Amateur Radio License (if applicable).
3. Make a check or Money Order for four (4) dollars payable to ARRL/VEC.
4. Mail all three of these to:

Randy Cobb/VE Exams

P.O. Box 5097

Aloha, Oregon 97006

5. DEADLINE - Registrations must be received by March 6, 1985.

FOR ADDITIONAL INFORMATION:

NORTHWEST AMATEUR RADIO COUNCIL

Ralph, WB7VGS 649-5845 or Rozy, KA7CED FCC Contact Liaison 255-0739

The Salem, Snow Peak and Oregon Coast Emergency Repeater Associations
proudly present the Fifth Annual

SALEM HAMFAIR

and

ELECTRONIC SWAPMEET



SATURDAY, FEBRUARY 23 POLK COUNTY FAIRGROUNDS

West of Salem where Highway 22 meets 99W at Rickreall. Doors open 9:00 a.m.

There's no Ft. Vancouver Hamfest this year, so this will be the big one!

- **DOOR PRIZES:** Including Kenwood's new TH21AT hand held and AEA's "Dr.DX" program.
- **"DR.DX" Contest:** Try your CW contesting ability against the Doctor.
- **SEMINARS:** On packet radio and other interesting things.
- **SNACK BAR • GIGANTIC FLEA MARKET**
- **DEALERS:** Antronics, Portland Radio Supply, Oregon Ham Sales, Zero-Gee Electronics and many more.
- **EASY ACCESS:** Take Exit 260A, the new Salem parkway route from I-5 South bound. Lost? Talk-in
on 146.26/.86
- **VEC testing:** To register, send FCC Form 610, copy of present license and \$4 check payable to ARRL/VEC by JANUARY 23 to: JOAN UPTON, KD7YB, 59 South Sixth St., Independence, OR 97351
Walk-ins will be accepted only if space is available. Testing begins 10 a.m.

SALEM REPEATER ASSN.
P.O. BOX 784
SALEM, OR 97308

Yes, I'd like to be a part of the SALEM HAMFAIR. Enclosed is \$ _____
for _____ swap tables (\$5⁰⁰ each) and _____ admissions (\$4⁰⁰ each).

Make checks payable to Salem Repeater Association.

Name _____ Call _____

Address _____

City _____ State _____ Zip _____

Mail by February 10 and receive an extra door prize ticket with each admission. Send SASE if you want ticket stubs by return mail.

The article below was submitted by Leonard, KZ7I, one of our good club members. The article is VERY well written and makes a lot of good sense. He tells the story of the needed sacrifices one makes when undertaking to put up a wide coverage repeater system. He has a point to make! Please read on.....

THE CONTROVERSY OF CLOSED REPEATERS HAS BEEN BREWING IN THE PORTLAND AREA FOR MANY MONTHS NOW. SINCE MYSELF AND OTHERS HAVE BEEN IN THE THICK OF THINGS I THOUGHT THAT A VIEW FROM MY ASSOCIATION SHOULD BE HEARD.

I AM NOT ONLY A REPEATER OWNER BUT I AM ALSO A MEMBER OF THE ARRG AND HAVE BEEN FOR 2 YEARS AND WILL CONTINUE TO BE. ARRG DOES A TREMENDOUS JOB AND PROVIDES AN EXCELLENT SERVICE TO THE HAM COMMUNITY. IN THEIR LAST NEWSLETTER I SAW A EDITORIAL THAT CAUGHT MY EYE, "CLOSED REPEATER, NEVER"

THIS IS INTERESTING FROM THE POINT OF VIEW THAT ARRG IS A INCORPORATED ASSOCIATION COMPRISED OF WHAT YOU MIGHT CALL TRUSTEES THAT OVERSEE THE REPAIR OF THE REPEATERS AND HANDLE THE MONEY SENT IN BY THE MEMBERS TO PAY FOR REPAIRS AND UPGRADING OF THE SYSTEM. THE FACT IS THAT ARRG IS IN A WAY OWNED BY THE MEMBERS WHO SUPPORT IT. THE SAME IS TRUE WITH OTHER REPEATERS IN THE AREA. BUT WHAT ABOUT THE REPEATER THAT IS OWNED BY AN INDIVIDUAL WHO HAS CARRIED THE ENTIRE EXPENSE OF A REPEATER SYSTEM.

IT SEEMS THAT WHEN THIS INDIVIDUAL BEGINS TO FEEL THE IMPACT OF THE FINANCIAL BURDEN HE ASKS FOR HELP FROM THE USERS. UNFORTUNATELY THE HIGHER PERCENTAGE OF THE USERS DONT HEED THE CALL AND EVEN SOME OF THEM FEEL THAT THE OWNER SHOULD BE EXPECTED TO UPKEEP THE SYSTEM SO THEY CAN USE IT. IN FACT I HAVE HEARD COMMENTS MADE LIKE "IM A MEMBER OF ONE REPEATER ALREADY AND THAT SHOULD BE SUFFICIENT FOR ME TO USE THEM ALL".

WHEN AN OWNER IS BACKED INTO A CORNER LIKE THIS HE THINKS OF THINGS LIKE CLOSED REPEATERS. WHEN HE DOES IT HE IS AN OUTCAST, BECAUSE OF HIS "SELFISHNESS".

THE MT. HOOD REPEATER ASSOCIATION HAS AGAIN DECIDED TO GIVE THE OPEN REPEATER CONCEPT A TRY.

HERE IS A QST IN THE MBO OF THE 145.27 REPEATER THAT I THINK MANY A USER SHOULD BE AWARE OF:

@D

THIS IS A MESSAGE DESIGNED TO GIVE INSIGHT INTO WHAT IT TAKES TO PUT UP A REPEATER AND THE WORK IT TAKES TO KEEP ONE RUNNING.

THE AVERAGE HAM NORMALLY GOES OUT AND BUYS A PIECE OF VHF OR UHF GEAR DESIGNED TO WORK IN THE CAR AND IN THE HOUSE. THE PRICE OF THIS GEAR USUALLY RUNS FROM ABOUT \$300 TO \$500. HE THEN GOES OUT AND BUYS A MOBILE ANTENNA AT ABOUT \$40 AND A BASE ANTENNA THAT COSTS AROUND \$35. ADD SOME CABLE AND CONNECTORS FOR \$25 AND YOU HAVE A INVESTMENT OF ABOUT \$600. THIS GEAR IS USUALLY VERY RELIABLE AND IS USED IN NORMALLY A NON HOSTILE (WEATHER WISE) ENVIRONMENT.

FOLLOWING IS A LIST OF WHAT IT TOOK TO PUT UP ONE REPEATER:

REPEATER, COMMERCIAL \$1535
DUPLEXER, COMMERCIAL \$431
ANTENNA, COMMERCIAL \$224
HARDLINE HELIAX WITH CONNECTORS \$80
REPEATER CONTROLLER BOARD \$95
AMPLIFIER \$289
POWER SUPPLY \$132
AUTOPATCH \$429
TRANCIEVER FOR AUTO PATCH \$279

TOTAL COST \$3494.00

(next page please)

DURING THIS TIME A TOTAL OF 25 TRIPS TO THE REPEATER SITE FOR REPAIRS AND MAINTAINANCE AT 140 MILES ROUND TRIP TO INCLUDE MEALS. ALSO THE COST OF MISC. ITEMS SUCH AS BRACKETS, MASTS AND NEEDED TOOLS.

AS YOU CAN SEE THERE IS QUITE AN ENDLESS HOLE IN WHICH TO DROP MONEY INTO. THE COST OF COURSE BORN BY THE OWNER.

THIS REPEATER ASSOCIATION HAS 2 REPEATERS. THE ONE JUST MENTIONED IS THE 440 MACHINE. THE 2 METER MACHINE HAS THE SAME COSTS PLUS MORE BECAUSE OF THE REGENERATED RTTY AND MBO AND 2 AUTOPATCHES. ALSO THE PHONE LINES ARE ABOUT \$35 A MONTH.

THE POINT BEING MADE IS SIMPLY THIS, THE SPIRIT OF AMATEUR RADIO IS TO SERVE AND SHARE FOR THE COMMON GOOD. HOWEVER TO EXPECT AN INDIVIDUAL TO BEAR THE FINANCIAL BURDEN WITHOUT RECEIVING HELP FROM THE USERS SEEMS TO BE NOT ONLY UNFAIR BUT SELFISH. THE NEXT TIME YOU KEY UP THAT REPEATER AND HEAR THAT FAMILIAR BEEP JUST REMEMBER THAT IF IT WASN'T FOR SOMEONE WILLING TO PUT FORTH THE INVESTMENT, THAT LITTLE PIECE OF EQUIPMENT THAT MANY TAKE FOR GRANTED WOULDN'T BE THERE TO USE.

SUPPORT YOUR REPEATER ASSOCIATION WHETHER YOU BELONG TO THIS ONE OR ANY OF THE OTHERS IN THE AREA. THEY NEED YOUR HELP TO CONTINUE PROVIDING THE SERVICE YOU HAVE ALL COME TO ENJOY.
DE K27I - LEN, MT. HOOD REPEATER ASSOCIATION INC.

145.27 / 449.375 - \$25.00, all privileges, family membership

Name Call

Address Phone

City State Zip

Remember to list other hams in the family, name and call.

MAIL TO: Mt. Hood Rptr Assn; PO Box 23042; Tigard, OR 97223

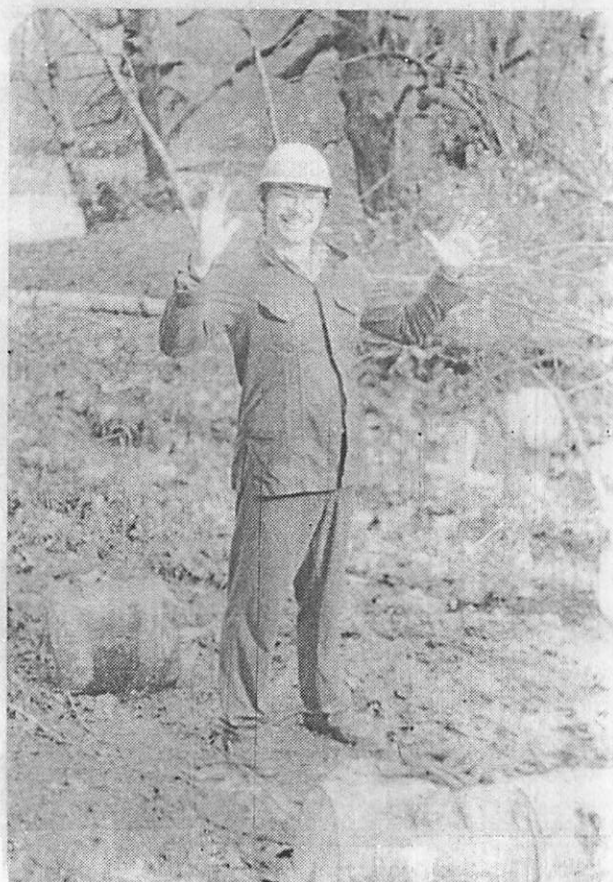


CLOSED OR OPEN?????

Nope, this is not going to be a rebuttal. Leonard is justified in feeling let down and sure is correct about the cost and sweat in putting up a repeater. Why then am I making comments? I wrote the 'Closed Repeaters- Never!' article in the last ARRG newsletter which prompted Leonard to submit his article. I agree with Leonard with one small exception. When a person makes the decision to build and pay for a repeater, that person should never assume that someone else is going to help pay for it nor support telephone costs. That is somewhat like getting the old cart etc.. That person, or group of people, should be prepared to wait 2 or 3 years before the user base reaches a point where a profit is turned and expenses can be taken care of without the owners having to dip into their own pockets. The subject of closed or open repeaters is, to some, a touchy thing. I am a firm believer that the airwaves should be open to all who are licensed to use them, whether it be HF, VHF or UHF. No one should have the right to put up a repeater, lock it up and then let only friends use it. To do so is an invitation to trouble! If you have ever been in LA and made an attempt to use VHF/UHF you understand what I am saying. We don't need that kind of garbage in our area! Thanks to the Mt. Hood Rptr Assn. for doing it right.....

WOODCUT YOUR WAY TO REGULARITY

The motley crew seen in these pictures went out on a cold and rainy November day and put the FIELD DAY sites cooking/heating supply back in good shape for next Junes annual or-deal. It was a LONG and wet day but as you can see, productive! One chain saw died, the voltage regulator on the winching vehicle quit and the bridge between HOME and cutting site broke. All in a days work!!! CU at FD.



A FISHERMAN TELLING LIES!

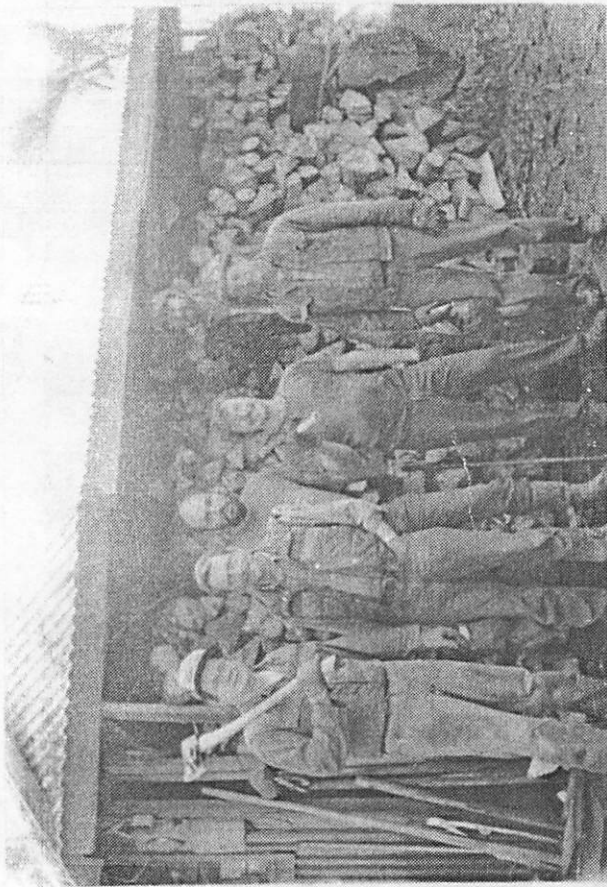


Neil	Jamie	Terry	Linda	Warren
WA6KLA	N7FIU	WB7CHK	N7CZY	N7BIJ

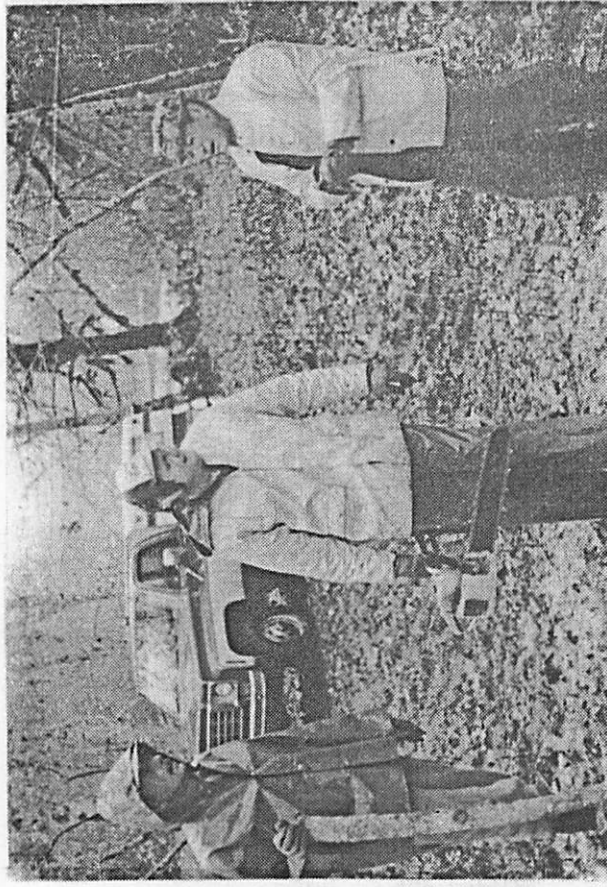
THAT'S ABOUT 20% OF THE PILE YOU SEE!!!



N7BIJ LOOKING AND BUD, KC7PS DOING THE WORK



SEEN HERE IS THE 'PILE' OF BLOOD SWEAT AND TEARS.
THAT 'PILE' IS 24' LONG, 6' TALL AND 2 LAYERS DEEP.
CHK-BIJ-KLA-FIU-PS AND IN THE BACK IS YOURS TRULY,
'SIC' WHO WOKE UP JUST IN TIME FOR THE PICTURE..



N7BIJ AND WB7CHK LISTENING TO BUD, KC7PS, SINGING
HIS RE rendition OF 'HOW GREAT THOU ARE' (Sun. am)



BIJ WATCHING, CHK RESTING AND KC7PS STILL WORKING.
ABOUT FIVE VERY LARGE ALDERS WERE SACRIFICED FOR
SAKE OF COMFORT. YOURS, WE HOPE. CU AT FD?



THIS IS HOW WE FIX A BROKEN BRIDGE. VERY NECESSARY IF
ONE WISHES TO RETURN HOME. IT WAS A VERY HEAVY LOG.
NOTE THAT KLA AND BIJ ARE NOT SEEN HERE!!

CONGRATULATIONS



Dee Lynch, KA7NPN, managed to guess the right answers and scribble down CW well enough to pass the EXTRA class test recently. Though 'extra' is defined as 'something in excess of what is needed', Dee will disprove it. A valuable member and a good ham. Congratulations Dee!! Nobody else upgrade???

Pre-Novices on the air

John Davidson, KA0NPN
(Silent Key)

I suppose that every Novice class spends some time around a table with one or more code practice oscillators, pretending that they are sending from their own stations. While this is probably good practice, the members of the Lincoln, Nebraska ARC suggest an improvement.

By the time most Novice class members have acquired their needed code speed and after they have passed their written tests, we try to pass the time while waiting for their licenses by pursuing operating practice.

The class is divided into two parts. One half goes to one ham's shack while the other group goes to another. We invite those who have not passed their code to come along as this seems to be a good motivator!

The licensed operators demonstrate the

tune-up procedure on a *dead* band. After making the initial contact, we turn the key over to the students. While we practice correct procedures, we encourage each participant to find out as much as possible about the people at the other shack.

Though there is considerable key fright, and everyone gets plenty of practice sending eight dots at a time, communication does occur. Everyone gets the feel of an on-the-air contact. Club members usually conduct three or four sessions such as this before the new licenses arrive. Student progress is remarkable.

"This is really enjoyable!" "It's a whole lot of fun." "Those sessions make using your own station a lot less scary when the time finally comes!" Those are some of the comments we hear from our Novices.

Naturally, the host hams are the first ones called upon when the new Novice first goes on the air from his own shack. The broad grins and shiny eyes are ample reward!

— ARRL Instructor's Newsletter

The article to the left may not be newsworthy to some of you but it sure was to 'ye ed'. Looks like a great idea and I will be the first to offer the shack for a trial run. What a great way to see that a new novice will have the opportunity to USE his radio to attain an upgrade to general rather than go out and buy code tapes to get there. It is amazing the number of new hams who are afraid to get on the air and use CW. This would sure be a great icebreaker! What do YOU think? Randy??

PAY PHONES BECOME VENDING MACHINES!

The newest electronic money-maker may well turn out to be private pay phones! The FCC ruled last year that it is legal to own your own pay phone. Some entrepreneurs are getting a three month return on investment by selling local calls for 25 cents each from phones tied to a private commercial line.

But all is not smooth sailing. Some states have taken a position that they govern the interconnection of customer-provided coin telephones to the network. A Petition has been filed by Universal Payphone Corporation asking the FCC to issue a declaratory ruling that state and local tariffs governing private pay phones are invalid.

Los Angeles based National Pay Telephone Corporation also hopes to tap the private pay phone business by installing phones that accept Visa, MasterCard and American Express credit cards. They have just begun installing pay phones in Las Vegas Hotels.

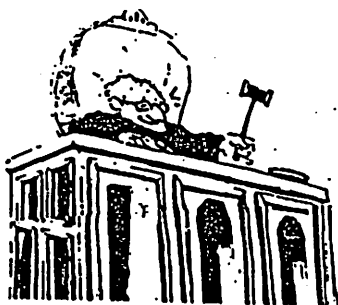
CLUB 2m NET

The club net on 2m has not been a real big success but some new ideas are going to be incorporated along with a promise by the club officers to be there when possible. Including committee people. If you can get on 2, why not check in and help us to get the net a popular place to be on Tuesday nite. Time is 8:00pm and the frequency is 147.340. Give it a try. It is meant to be an informational type of get together so some of us have to plan ahead so as to furnish that info.....



I WANT TO RETURN TO THE AREA...BADLY!!!

I made a move to S. Calif, to pursue a new career field, expecting to return before now. Things were not as promised, and I am now stuck here. If any of you know of an opening for a man with inside sales experience in the electrical products field, retail sales experience, and as a purchasing agent, please give me a call or drop me a line! I wish to come back north very badly indeed, and will take almost any position within reason. Perhaps you can lend me a hand. Contact David("Bear") NB7X, 684 West 2nd St #1 San Pedro CA 90731, or call (213) 833-8292 eves and weekends 73 s...



STOLEN RADIO REPORT

ICOM 245 with SB. Serial #3812
ODL on case. Judy at 771-4667

Yaesu FT208R. Serial #2K210462
Bob at 656-4554

Kenwood 7950 & MC46 mic.
Serial #4050280. Call Portland
Radio at 228-8647

ICOM 2AT. Serial #44650. Ron
Gould, KD7RJ.

Yaesu FT290R all mode 2m rig.
Serial #1H031820 + a Mirage B108
amp with remote control head.
Win Tatro at 246-9865.

*Kenwood TS130 and AT130 tuner.
Inscribed with ND 0530200273.
Call Portland Radio at 228-8647.

*Yaesu 227R 2m rig and Motorola
speaker. Name on inside and
outside of case. Call Andy,
WB7RKU, at 760-3873.

*Kenwood TR7400 #640351-Z
If you have info please
call Brice Woodall at 239-
4072. No further information
is available on the gear.

*ICOM 4AT with BP2 battery.
SN 15502003. Lost on Mt.
Hood ski lift. If found pse
call Don Webber at 981-7310
eves or 255-8634 days.

*Indicates stolen recently

THIRD PARTY & RECIPROCAL OPERATIONS

The following is a current list of
countries that have third party traffic and
reciprocal operating privileges with the United
States and Canadian amateurs.

* = Automatic
Reciprocity (No
permit required)

3rd Party
Traffic
U.S./Canada

Reciprocal
Operating:
U.S./Canada

Antigua & Barbuda	X	X		
Argentina	X		X	X
Australia	X	X	X	X
Austria			X	X
The Bahamas			X	X
Barbados			X	X
Belgium			X	X
Belize	X		X	
Bolivia	X	X	X	
Rep. of Botswana			X	X
Brazil	X		X	X
Canada (*)	X	-	X	-
Chile	X	X	X	X
Colombia	X	X	X	X
Costa Rica	X	X	X	X
Cuba	X			
Dominica	X	X		X
Dominican Republic	X	X	X	X
Denmark			X	X
Ecuador	X		X	X
El Salvador	X	X	X	
Fiji			X	
Finland			X	
France			X	X
The Gambia	X			
Ghana	X			
Greece			X	X
Grenada	X	X	X	X
Guatemala	X	X	X	X
Guyana	X	X		X
Fed.Rep./Germany			X	X
Haiti	X	X	X	X
Honduras	X	X	X	X
Iceland			X	X
India			X	X

	3rd Party Traffic U.S./Canada		Reciprocal Operating: U.S./Canada	
Indonesia			X	X
Rep. of Ireland			X	X
Israel	X	X	X	X
Italy			X	X
Jamaica	X	X	X	X
Jordan	X		X	
Kiribati			X	
Kuwait			X	
Liberia	X		X	
Luxembourg			X	X
Rep. of Malta				X
Mexico	X	X		
Monaco			X	
Netherlands Antilles			X	
Netherlands			X	X
New Zealand			X	X
Nicaragua	X	X	X	X
Northern Ireland			X	X
Norway			X	X
Rep. of Panama	X		X	X
Papua New Guinea				X
Paraguay	X	X	X	
Peru	X	X	X	X
Philippines			X	X
Rep. of Poland				X
Portugal			X	X
St. Lucia	X		X	X
Senegal				X
Seychelles			X	
Sierra Leone			X	
Solomon Islands			X	
Spain			X	
St.Vincent/Grenadines	X			
Suriname			X	
Swaziland	X			
Sweden			X	X
Switzerland			X	X
Trinidad & Tobago	X	X	X	
Tuvalu			X	
United Kingdom			X	X
United States (*)	-	X	-	X
Uruguay	X	X	X	X
Venezuela	X	X	X	X
Yugoslavia			X	X
4UITU/Geneva	X			

A young man in the hospital was
telling his doctor about the wonderful
and attractive nurse he had. Said he,
"One touch of her hand cooled my

fever immediately."

"I know," said the doctor, "I could
hear the slap all the way down at the
end of the hall."

Oregon Tualatin Valley Amateur Radio Club,
Beverton, Oregon.

Ladies & Gentlemen:

My wife and I want to thank you for allowing us to share the Joy of Christmas with
you at your Christmas Party.

It was a joyous time for both of us and we appreciated your kind hospitality.
The organization, entertainment, food, and friendliness was outstanding. Thanks
to all of you.

Sincerely and with fond memories,

"GIB" & JOE

M. L. & Zoe Gibson, W7JIE,
1215 N 28 Pl.,
Renton, Wa. 98056

GOT SOMETHING To Sell?

Let us
give you
hand



CLASSIFIED ADS

FREE!

THESE CLASSIFIED ADS ARE FREE TO OTVARC MEMBERS

For Sale: Shure Bros. high impedance desk microphone model 440SL with cord and plug. Excellent for Drake equipment \$ 15.00

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OTVARC CONTEST COMMITTEE
MEETING NOTES - JAN 15, 1985

The OTVARC Contest Committee met; present were KA7KBH, KA7NPN, KD7LA, ND7T, K07B, K7JF, NB7W and KQ7I. First order of business was to confirm plans for the Valentine's Day operation (see other article in this Newsletter.) Logs from the December Rusty Key night were judged; the winner will be presented his plaque at the February meeting. To say the least, the results of this year's contest were a disaster -- six logs submitted, with the most contacts at 15. The committee was of the opinion that an awful lot of work was going into this as well as other events, and a very minimal turnout resulted.

To hopefully cure this problem, the committee voted to create a new contest designed as a warm-up for Field Day. All members are urged to participate in the first annual OTVARC APRIL FOOLS contest, to be held from 8:30 - 9:30 p.m. on Tuesday, April 9. Frequencies will be in the 40 meter Novice band, and a simple Field Day exchange will be required. A point system will provide 1 point for regular contacts, 2 points for DX and 4 points for Novices. As we normally send, the exchange (at Field Day) and this contest will be the station call followed by "4A OR". To simulate real Field Day conditions, we will solicit participation from other area club, and will assign those groups with their own classifications. Appropriate awards will be given out; including the coveted "most congenial operator" key.

Meeting adjourned after 1 hour, 15 minutes.

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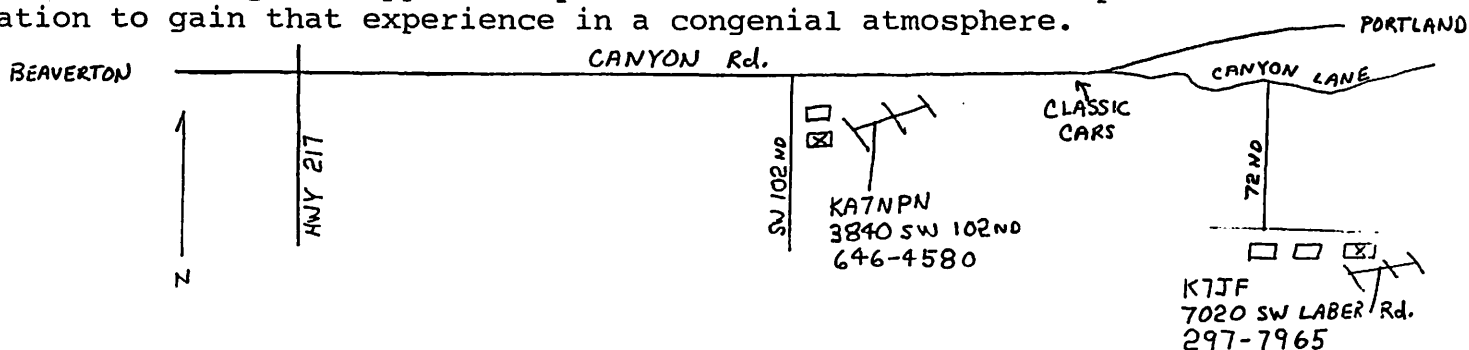
VALENTINE'S DAY SPECIAL EVENT

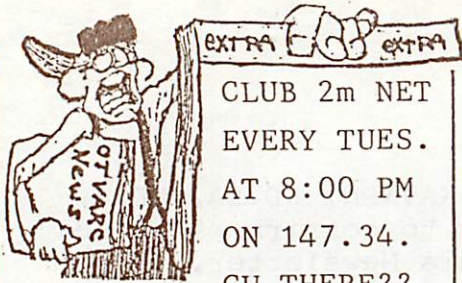
The Valentine's Day Special Event will be Saturday, February 9 from 4:00 p.m. to Sunday, February 10 at 4:00 p.m. local time. There will be two stations on the air, both using the call KA7NPN on different bands, operating from the QTH of K7JF and KA7NPN.

Frequencies of operation: 3.880, 7.280, 14.280, 21.280, 28.580 and 145.67. talk-in and frequency coordination will be on 145.67, although all are welcome to contact the stations and earn a certificate.

Certificates will be sent to all stations operated, who send in a QSL and large SASE or green stamp (\$1). We invite you to drop-in and operate either or both stations. It's a great opportunity for Novices through Extras to operate and have a great time. We also welcome you to contact the stations in order to receive a certificate.

OTVARC has held this event in commoration of Oregon's birthday for several years. It is a great opportunity for those who have never operated a HF SSB station to gain that experience in a congenial atmosphere.





CLUB 2m NET
EVERY TUES.
AT 8:00 PM
ON 147.34.
CU THERE??

STOLEN RADIO RECOVERY

Chuck Edgar, K7CCW, had his Kenwood 2500 stolen from his car while on vacation in Leavenworth, WA. in November of 1983. Fortunately, he had provided the Chelan County Sheriffs department with a pic, SN# and description. When a burglary ring was broken in the summer of 1984, the rig was recovered and became the key piece of evidence in the trial. When guilt was finally determined in November,

K7CCW got his favorite 'toy' back. Chuck suggests that even if you have a good insurance policy, lock your car or, better yet, take your HT with you!

Editors note: The ARRL has an excellent insurance plan, for members, that covers your gear for a thrifty \$1.00 per \$100.00 of value. The coverage goes beyond normal theft or loss situations. Listen up! John Conley, a member who goes by the call of K7DMM, borrowed an Atlas txcvr from a pal to use on a hunting trip. John hooked up the Atlas to a generator which was, because of a malfunction, putting out over 200 volts. Guess what? Well over \$200.00 later the rig was fixed. John turned in a claim and got COMPLETELY reimbursed. If you think your homeowners or auto insurance is that good, you have been out to lunch with your agent too often! Just one more reason to support our hobby by being a member of the ARRL. Are you helping to maintain and expand our frequency privileges or are you just a user? QST is not a subscription. It is one of many benefits. Do yourself a favor and join the League. Complete information on the ARRL insurance plan is available via the club secretary. Give a call..... 297-7965. Jeff.

LAST MINUTE NEW MEMBER: Please welcome Bruce Cheney, NI7M, who resides in Sherwood with his wife, Kathleen. Bruce is an EE and likes foot racing. Such as marathons, triathlons and other such easy paced activity. Scuba diving is also a hobby along with being a member of 'Chess Amateur Radio International'. Welcome aboard, Bruce....

ARRL FAMILY MEMBERSHIP

If you are not aware, you are now to be reminded! If a family member is a member of the ARRL, any other hams related and living in the same home may belong to the League for \$2.00. Why so low? The family will receive one QST. Other than that, you get all of the other benefits from A to Z. We are an affiliated ARRL club and also recognized as a 'Special Service Club'. Both categories require a 50% League membership. Your \$2.00 can be of great help in our maintaining our status and in supporting amateur radio through the ARRL and its efforts in our behalf. Thanks.....

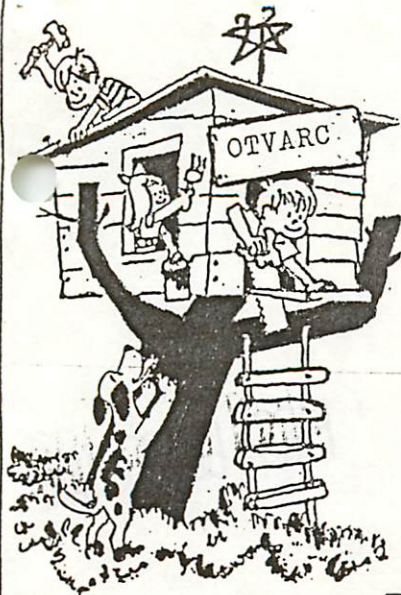
THE OPEN BOOK POLICY

This is a reminder that the clubs books are open for anyone to see. This is especially important as we don't publish meeting minutes nor, as a rule, a treasurers report. It is preferable, if you wish to check anything out, that it be done at a regular club meeting. Either before or during the usual break time. It is the intention of the new officer group to publish a generalized outline of future Board meeting results. Hope that meets approval by the membership.

SUGGESTIONS??????

Going to have a suggestion box at meetings from now on. All you shy ones can make your wishes known. Along with the usual jokes and sarcasm which such a move will bring, we should get some good ideas to help us be just a little bit better. Please use it to the best advantage.

OUR FEBRUARY MEETING PROGRAM



You have all seen radio control models at some time or other. They have been on TV shows like 'The Fall Guy', 'Highway to Heaven', 'Star Wars' and many of the films by Steven Spielberg and George Lucas. Radio control is heavily used in many James Bond movies too. Maybe you always wanted a plane, boat or car? Did you ever wonder how they work? Are they fun? How do they fit in with ham radio? This program will give us many answers to radio control secrets and should be a great one to bring along one or more of the kids in the family to. O course we know who the biggest kid in the family is! To make things even more of interest, the program will include live demonstrations with working models. SEE all about it at our Feb. 13 meeting. Don't forget, bring the kids.....CU

Keeping antenna mounts magnetic

Carl Zelich, AA4MI

Each morning and evening, the Kennedy Space Center "Salt Mine" net meets on our local 146.28/88 repeater. While enjoying a round-table, John McDonald, WB4ZXS, was enlightening the net of the joys of owning a sportscar. In mid-sentence, his signal abruptly ceased. Further attempts to reach him failed. Was he in an accident? Where?

A landline call to his office later revealed that his magnetic 2-meter mobile antenna had fallen off his trunk. Dragging it at 55 mph, only a few parts were retrievable and even less were recognizable.

I know this has happened to other amateurs. Tales of other antennas being dragged to their deaths came forth. The conclusion was: spend \$50 and hope the magnet holds — this time. Analysis of the problem reveals that most Amateur Radio operators regularly remove the magnetic mount and toss it onto the floor behind

the driver's seat. This detrimentally affects the magnet two ways.

First, the antenna base eventually gets dropped onto the floor. As time passes, the drop height gets higher and higher. Unintentionally, of course. This is not proper handling for a magnet. Magnets that are struck with a hammer will lose their magnetism. This repeated dropping contributes to disorienting the internal magnetic bipolar elements. Thus, the magnetic flux strength declines.

Secondly, when a magnet — even a so-called "permanent" magnet — is left laying around without a "keeper", the magnetic flux lines reach out to grasp other ferrous materials.

A "keeper" is generally a soft iron piece which provides a bridge between the poles for the flux lines to follow. This convenient path allows the magnetic lines to concentrate and confine themselves to the keeper.

The solution to both these problems is simple. In the electrical section of your hardware store are metal ceiling electrical

boxes. They are available in square, octagonal and round shapes. These are often called "breakout" boxes because a main supply line is broken to serve a branch line.

Purchase a round steel electrical box cover. The cover normally has a diameter of 3½ inches and is fine for all antenna mounts.

Place this keeper onto your magnet before putting the antenna mount onto the floor. This keeper lessens the damage done if the antenna is accidentally dropped there. The keeper can also be kept on the floor or seat behind the driver when the antenna is on your vehicle.

Also, this keeper should be in place whenever you plan to store your antenna any length of time.

For about 41 cents for a keeper, you will avoid spending another \$50 for a new antenna! And best of all, there's no work involved.

It has been said that the only thing more insufferable than a precocious child is the mother of a precocious child.

WHO TO CALL FOR WHAT

*PUBLIC SERVICE	Sherrill Smith	KA7KNG	654-9499
	Bud Butterfield	KC7PS	649-1523
*CLUB CONTESTS	Jeff Freedman	K7JF	297-7965
*TECHNICAL	Dee Lynch	KA7NPN	646-4580
*PROJECT NITE	Terry Biggs	WB7CHK	648-3687
*PUBLIC RELATIONS	Randy Stimson	K27T	297-1175
*CLUB RAFFLE	Jim Ziegler	KA7TAC	246-2539
*MEETING PROGRAMS	Hanford Van Ness	KE7BB	246-7975
*CLUB SOCIALS	Paul Lucas	WB6SHR	641-8713
*EMERGENCY SERVICE	Mike Farrell	N7GMS	246-5007
*TRAINING (classes)	Randy Cobb	KA7HJT	649-5066
*WELCOMING	Doug Bull	N7CDI	649-4540
CLUB JACKETS	Dave Parker	W7LJN	639-7020
CLUB BADGES	Jeff Freedman	K7JF	297-7965
ROSTER CHANGES	" "	" "	" "
ARRG INFORMATION	Warren Winner	W7JDT	644-0752
CLUB SCRAPBOOK	Doc Miller	KA7BSD	
CLUB MEMBERSHIP	Randy Stimson	K27T	297-1175
CONVENTION (Oregon)	Al Berg	WB7SIC	640-5456
NEWSLETTER	" "	" "	" "

* (indicates committee)

CLUB ARRL APPOINTEES

ARES District Emergency Co-Ordinator	K27T	297-1175
ARES Washington County Co-Ordinator	N7GMS	246-5007
ARRL Assistant Director and Club Liaison	WB7SIC	640-5456

GREAT NEWS (we hope)

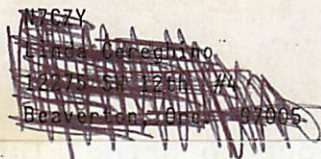
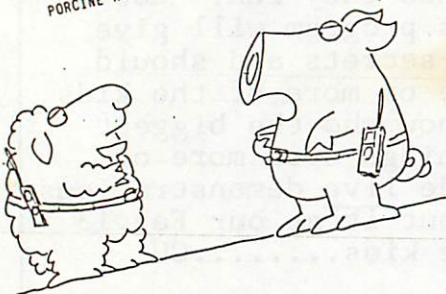
If all goes well we should see a new 450 repeater up on South Saddle Mountain. That would sure be super for us in the valley as well as for many others all over the place. It hinges on some decisions to be made on Neils, WA6KLA, part. Neil oversees the site for Tillamook County and has the last say about site usage. ARRG has been working on a machine for a wide area site and South Saddle would be perfect. We need to see more activity on not only 220 but 450 as well. Use it or lose it!! How about it Neil?????



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